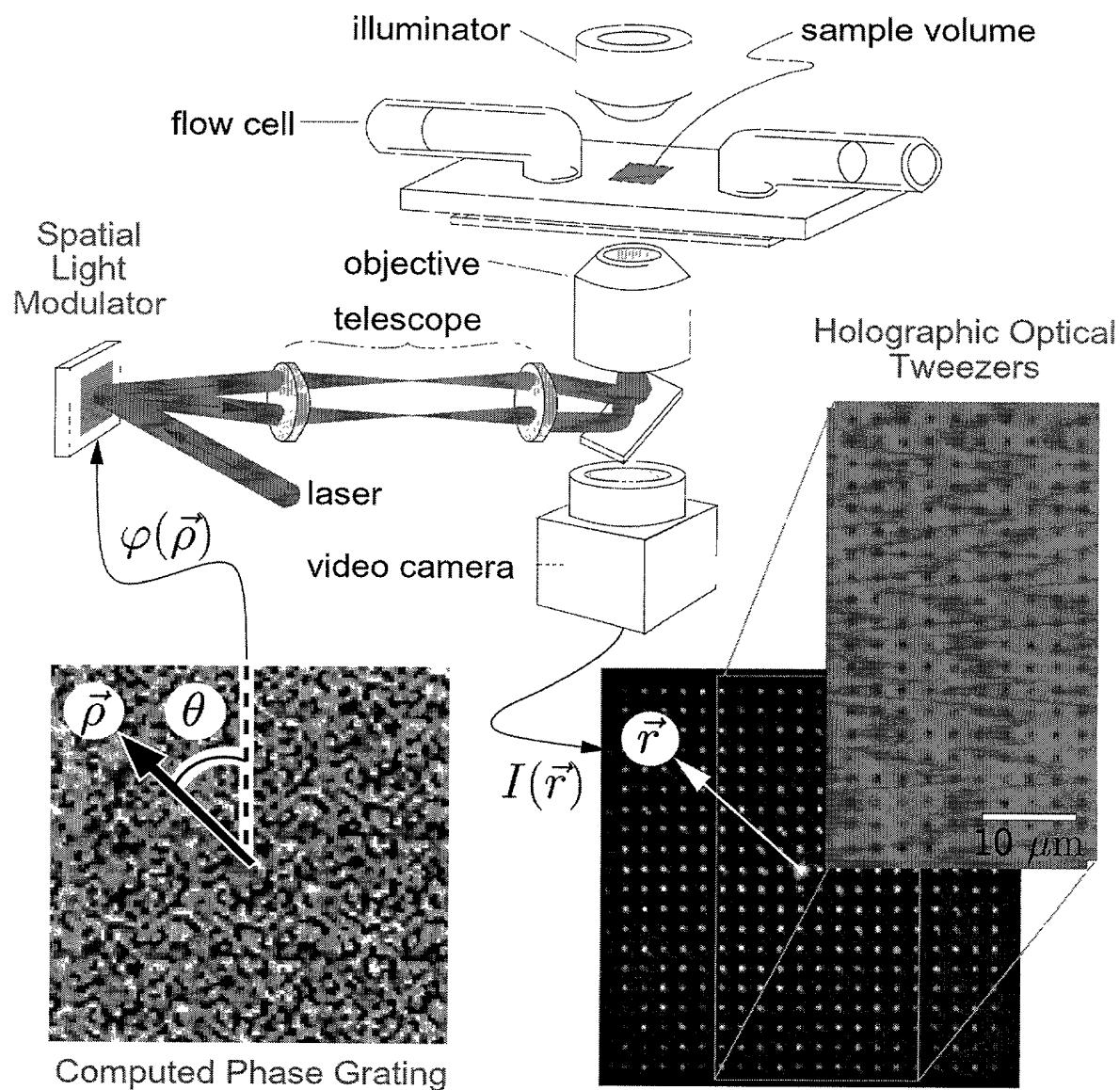




FIG. 1



TITLE: USE OF MULTIPLE OPTICAL VORTICES FOR PUMPING, MIXING AND SORTING

INVENTOR(S): Curtis et al.

APPL. #: USSN 10 / 050,21

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FIG. 2(A)

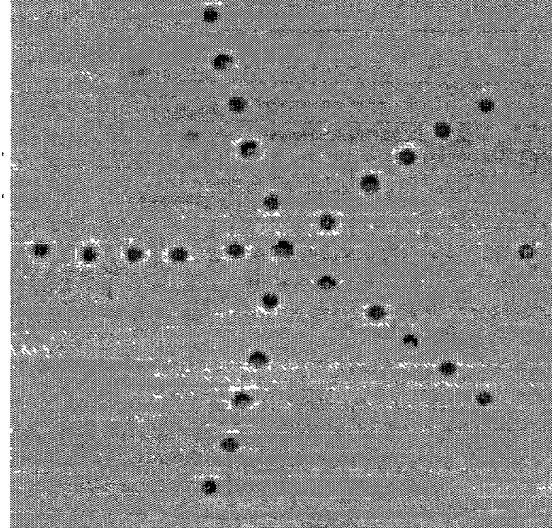


FIG. 2(B)

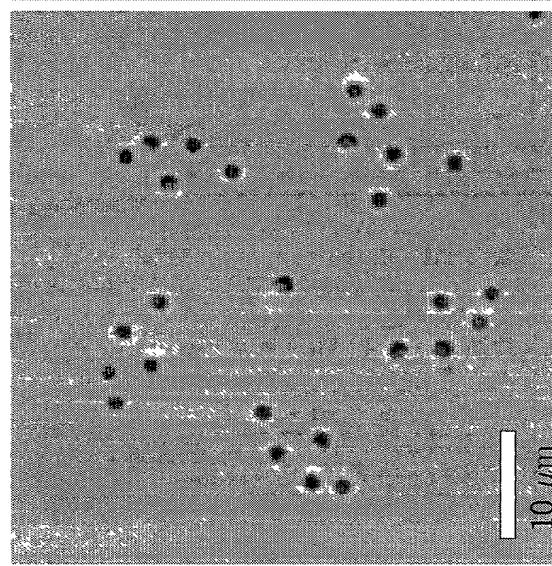
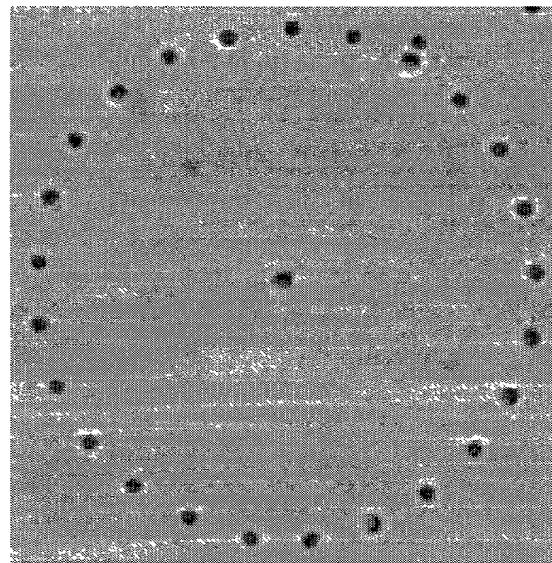


FIG. 2(C)



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FIG. 3(A)

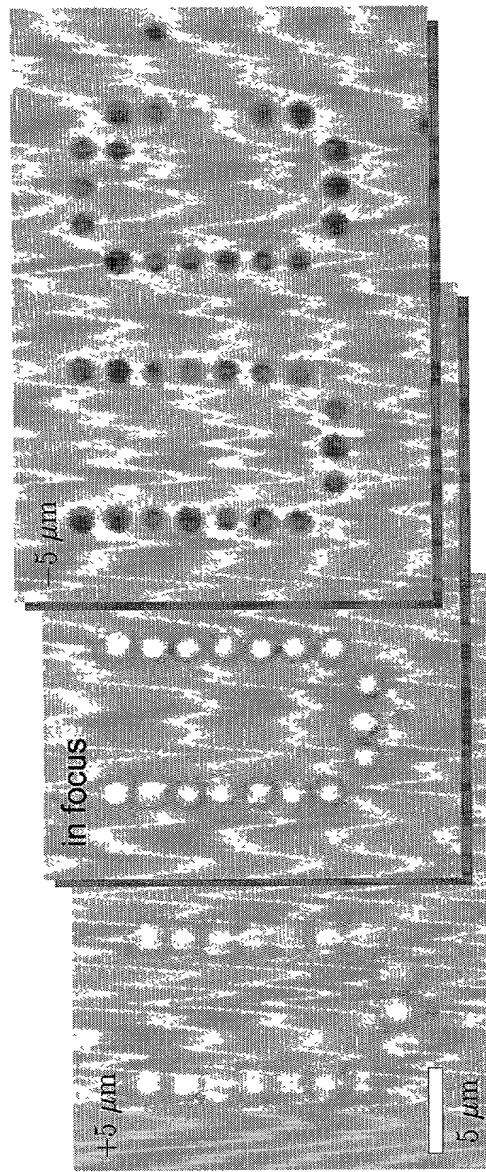
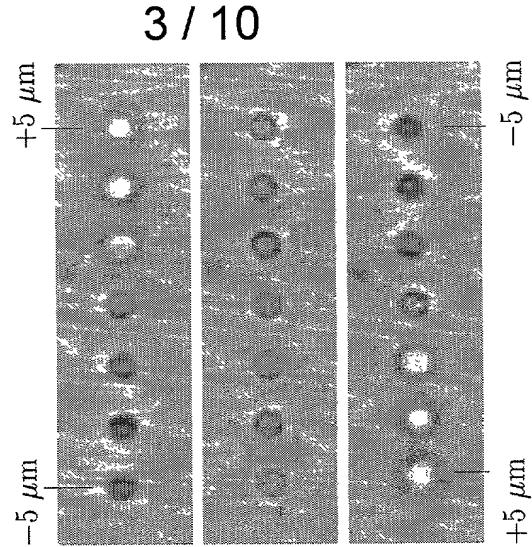
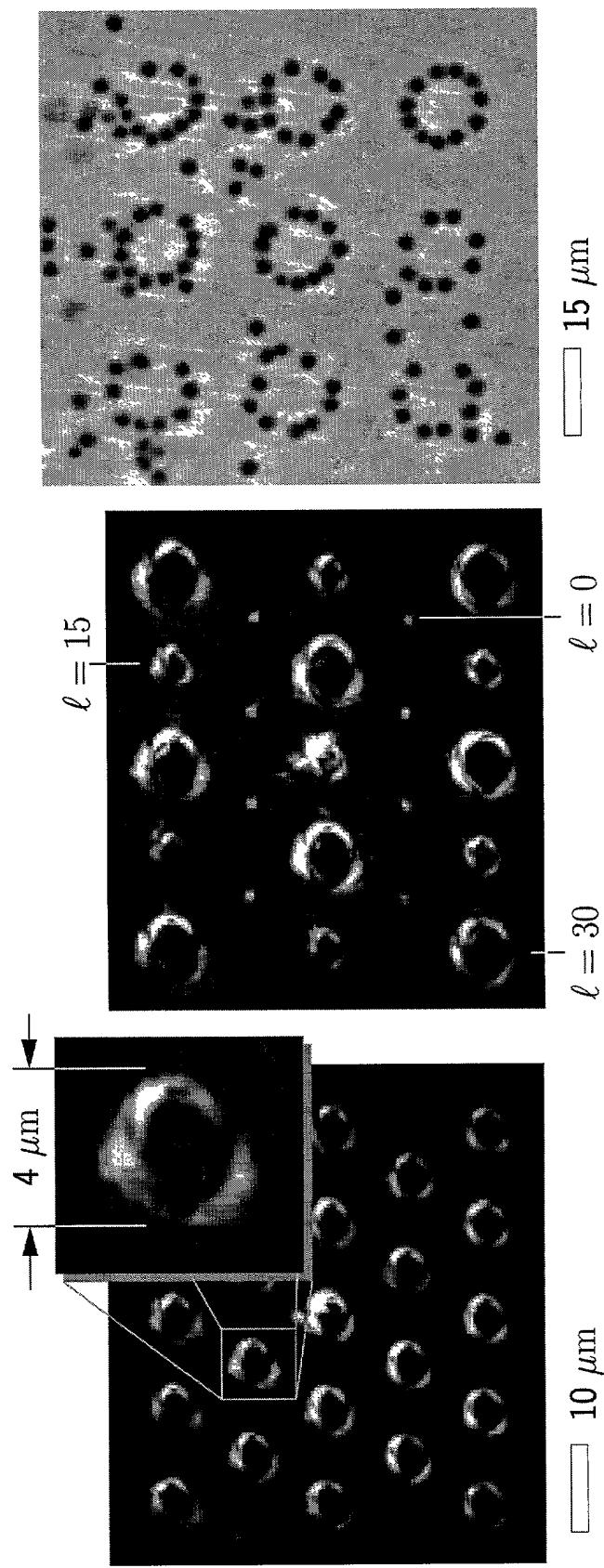


FIG. 3(B)





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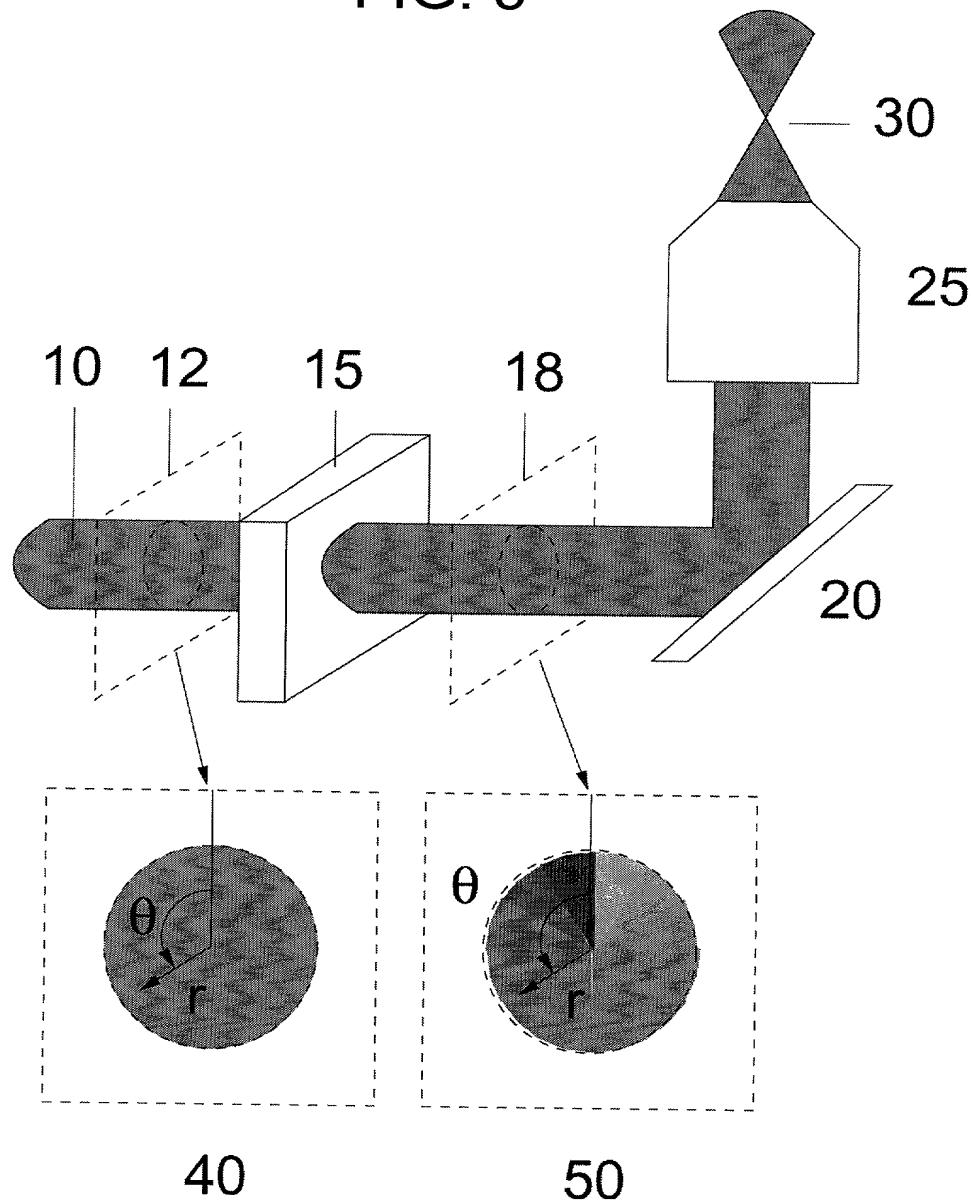
FIG 4(A)
FIG 4(B)
FIG 4(C)



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FIG. 5

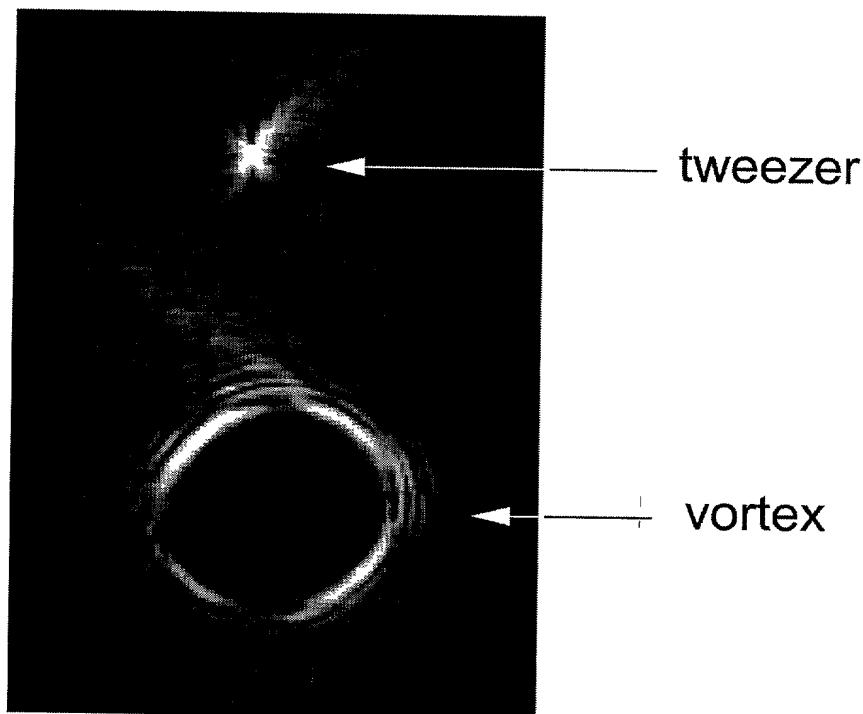




TITLE: USE OF MULTIPLE OPTICAL VORTICES FOR PUMPING, MIXING AND SORTING
INVENTOR(S): Curtis et al.
APPL. #: USSN 10 / 050,21

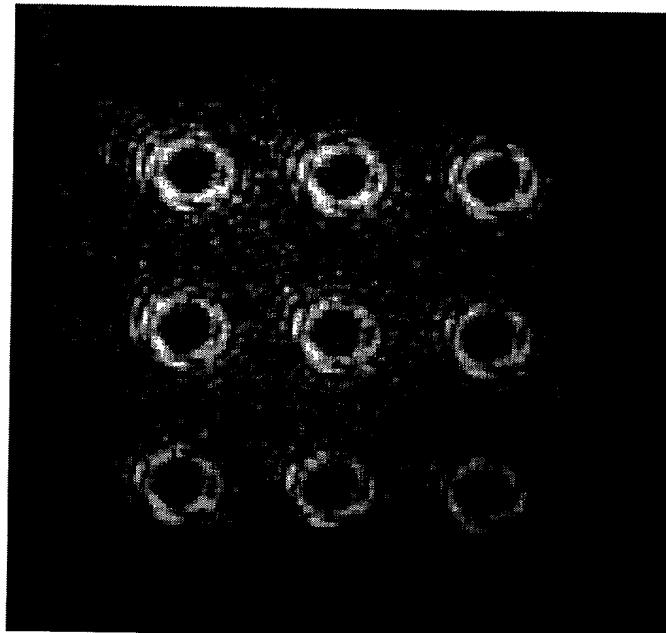
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FIG. 6



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FIG. 7





TITLE: USE OF MULTIPLE OPTICAL VORTICES FOR PUMPING, MIXING AND SORTING
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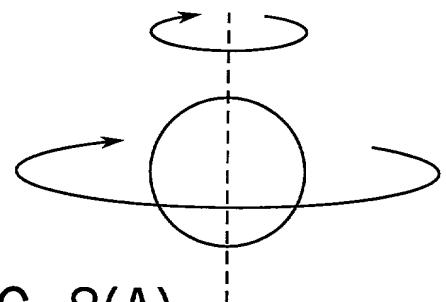


FIG. 8(A)

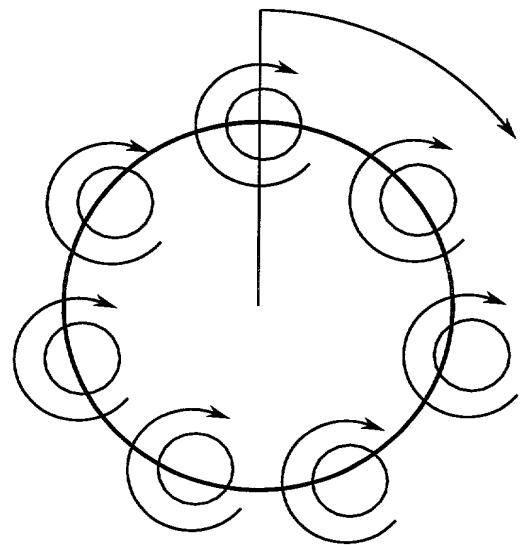


FIG. 8(B)



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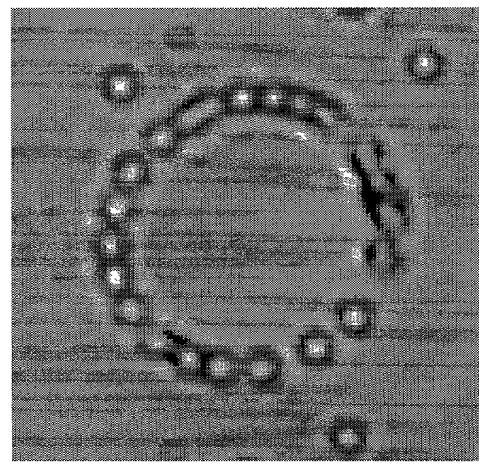


FIG. 8(C)

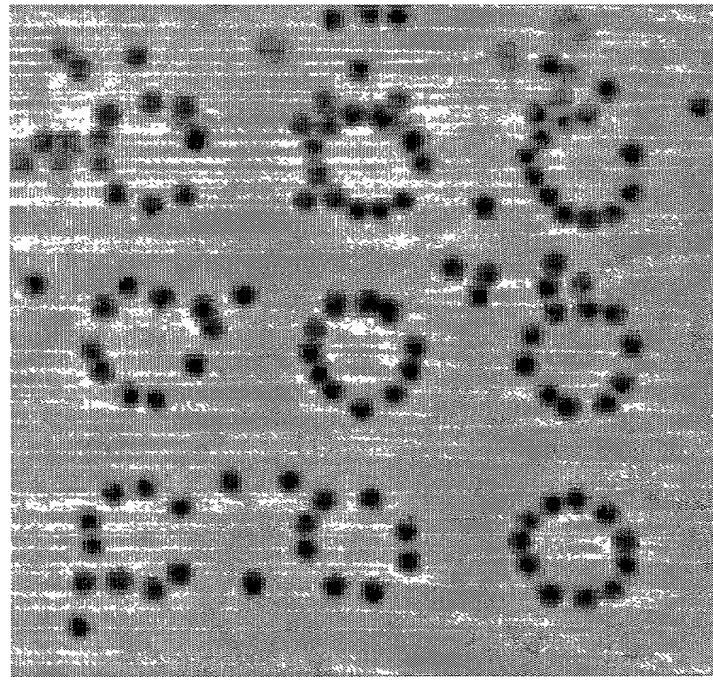


FIG. 8(D)



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APPL. #: USSN 10 / 050,21

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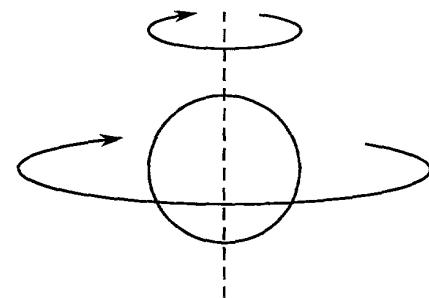


FIG. 9(A)

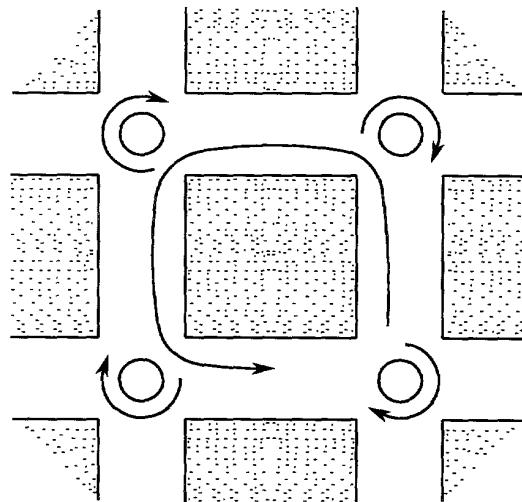


FIG. 9(B)

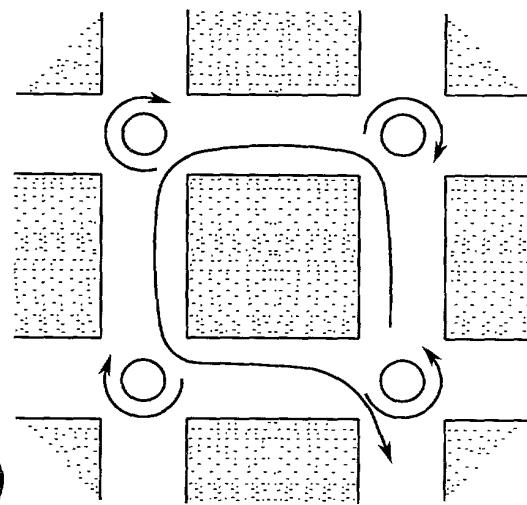


FIG. 9(C)

TITLE: USE OF MULTIPLE OPTICAL VORTICES FOR PUMPING, MIXING AND SORTING
INVENTOR(S): Curtis et al.
APPL. #: USSN 10 /050,21



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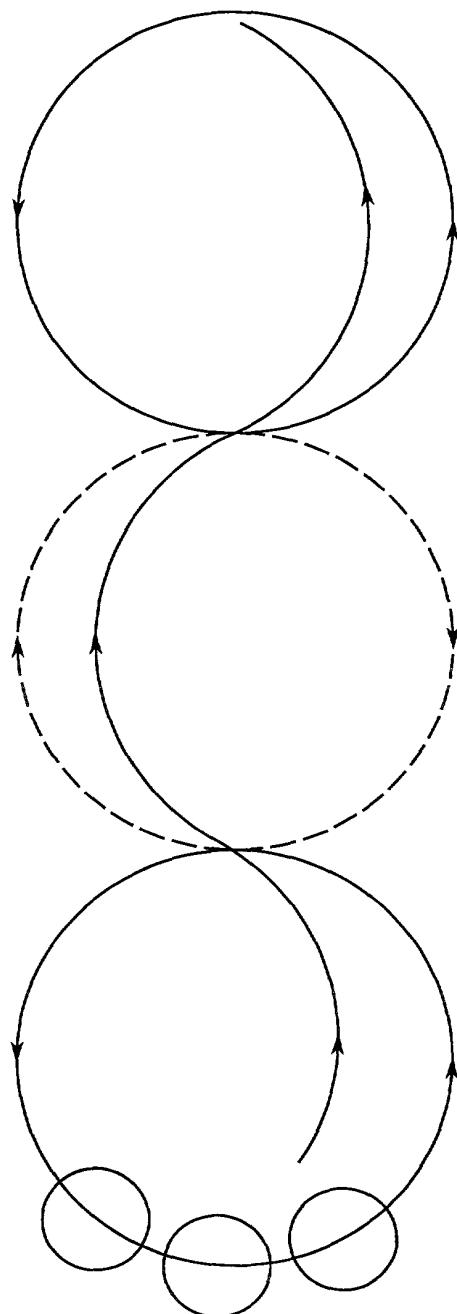


FIG. 10